



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.
2936-0144PAPPLICATION NO.
10/021,020APPLICANT
Tadahiro USHIROFILING DATE
December 19, 2001GROUP
2121**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

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SEP 23 2003

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>2/27</i>	CN	1076532	A	1993-09-22	CHINA			abs	
<i>8/1</i>	JP	04-361334	A	1992-12-14	JAPAN			abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

**CHRISTOPHER B. SHIN
PRIMARY EXAMINER**

DATE CONSIDERED

3-20-04

EXAMINER: Initial if citation considered helpful or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this communication to applicant.

2936-0144P

TCB/CMV/ndb

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Form PTO-1449		ATTY. DOCKET NO. 2936-0144P		APPLICATION NO. 10/021,020				
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; font-size: 20px; line-height: 1;"> OIPE APR 12 2004 PATENT & TRADEMARK OFFICE </div> </div>		INFORMATION DISCLOSURE CITATION IN AN APPLICATION						
		(Use several sheets if necessary)						
		APPLICANT Tadahiro USHIRO						
		FILING DATE December 19, 2001		GROUP 2182				
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS SUB CLASS FILING DATE IF APPROPRIATE			
<i>ms</i> <i>sv</i>	US 6,145,020	A	2000-11-07	Barnett	RECEIVED APR 15 2004 Technology Center 2100			
	US 5,142,625	A	1992-08-25	Nakai				
	US							
	US							
	US							
	US							
	US							
	US							
	US							
FOREIGN PATENT DOCUMENTS								
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS SUB CLASS	TRANSLATION YES NO	
<i>sv</i>	EP	0 306 962	A2	1989-03-15	EUROPE			
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
EXAMINER		CHRISTOPHER B. SHIN PRIMARY EXAMINER		DATE CONSIDERED 6-21-04				
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